

HOOK-UP WIRE

MIL-W-16878/3

TYPE D - UNCOVERED PVC


DESCRIPTION:

Stranded tinned copper, color coded.
PVC insulation.

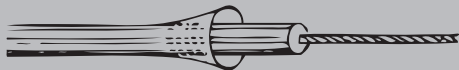
CHARACTERISTICS:

Temperature rating — 55°C to +105°C.
Voltage rating 3000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

| OLYMPIC NO. | TYPE DESIGNATION | CONDUCTOR SIZE | CONDUCTOR STRAND | NOM. WALL THICKNESS | NOM. O.D. |
|-------------|------------------|----------------|------------------|---------------------|-----------|
| 230 | D-24 | 24 | 7/32 | .029" | .082" |
| 231 | D-22 | 22 | 7/30 | .029" | .088" |
| 232 | D-20 | 20 | 7/28 | .029" | .096" |
| 233 | D-18 | 18 | 7/26 | .029" | .106" |
| 234 | D-16 | 16 | 19/29 | .029" | .115" |
| 235 | D-14 | 14 | 19/27 | .029" | .129" |
| 236 | D-12 | 12 | 19/25 | .034" | .158" |
| 237 | D-10 | 10 | 37/26 | .037" | .185" |
| 238 | D-8 | 8 | 133/29 | .040" | .247" |
| 239 | D-6 | 6 | 133/27 | .040" | .290" |

MIL-W-16878/19

TYPE D - NYLON JACKET


DESCRIPTION:

Stranded tinned copper, color coded.
.010" PVC insulation, clear nylon
(polyamide) jacket overall.

CHARACTERISTICS:

Temperature rating — 55°C to +115°C.
Voltage rating 3000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

| OLYMPIC NO. | TYPE DESIGNATION | CONDUCTOR SIZE | CONDUCTOR STRAND | NOM. WALL THICKNESS | NOM. JACKET THICKNESS | NOM. O.D. |
|-------------|------------------|----------------|------------------|---------------------|-----------------------|-----------|
| 240 | D-24 | 24 | 7/32 | .029" | .004" | .090" |
| 241 | D-22 | 22 | 7/30 | .029" | .004" | .096" |
| 242 | D-20 | 20 | 7/28 | .029" | .004" | .104" |
| 243 | D-18 | 18 | 7/26 | .029" | .004" | .114" |
| 261 | D-18 | 18 | 19/30 | .029" | .004" | .115" |
| 244 | D-16 | 16 | 19/29 | .029" | .005" | .125" |
| 245 | D-14 | 14 | 19/27 | .029" | .005" | .139" |
| 246 | D-12 | 12 | 19/25 | .034" | .005" | .168" |
| 247 | D-10 | 10 | 37/26 | .037" | .006" | .197" |
| 248 | D-8 | 8 | 133/29 | .040" | .009" | .265" |
| 249 | D-6 | 6 | 133/27 | .040" | .010" | .310" |

MIL-W-16878/4 UL1213

NEMA HP3 PTFE TYPE E - EXTRUDED


DESCRIPTION:

Single conductor stranded silver plated copper
extruded PTFE insulation.

CHARACTERISTICS:

Temperature rating -65°C to +200°C.
Voltage rating 600 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

UL Rated 105°C, not Voltage Rated

| OLYMPIC NO. | TYPE DESIGNATION | CONDUCTOR SIZE | CONDUCTOR STRAND | NOM. WALL THICKNESS | NOM. O.D. |
|-------------|------------------|----------------|------------------|---------------------|-----------|
| 300 | E-32 | 32 | 7/40 | .010" | .029" |
| 301 | E-30 | 30 | 7/38 | .010" | .032" |
| 302 | E-28 | 28 | 7/36 | .010" | .036" |
| 303 | E-26 | 26 | 7/34 | .010" | .040" |
| 304 | E-26 | 26 | 19/38 | .010" | .041" |
| 305 | E-24 | 24 | 19/36 | .010" | .045" |
| 306 | E-24 | 24 | 7/32 | .010" | .044" |
| 307 | E-22 | 22 | 19/34 | .010" | .051" |
| 308 | E-22 | 22 | 7/30 | .010" | .050" |
| 309 | E-20 | 20 | 19/32 | .010" | .059" |
| 310 | E-20 | 20 | 7/28 | .010" | .058" |
| 311 | E-18 | 18 | 19/30 | .010" | .070" |
| 312 | E-16 | 16 | 19/29 | .010" | .077" |
| †313 | E-14 | 14 | 19/27 | .012" | .094" |
| †314 | E-12 | 12 | 19/25 | .012" | .113" |
| †315 | E-10 | 10 | 37/26 | .012" | .134" |

† Not UL recognized